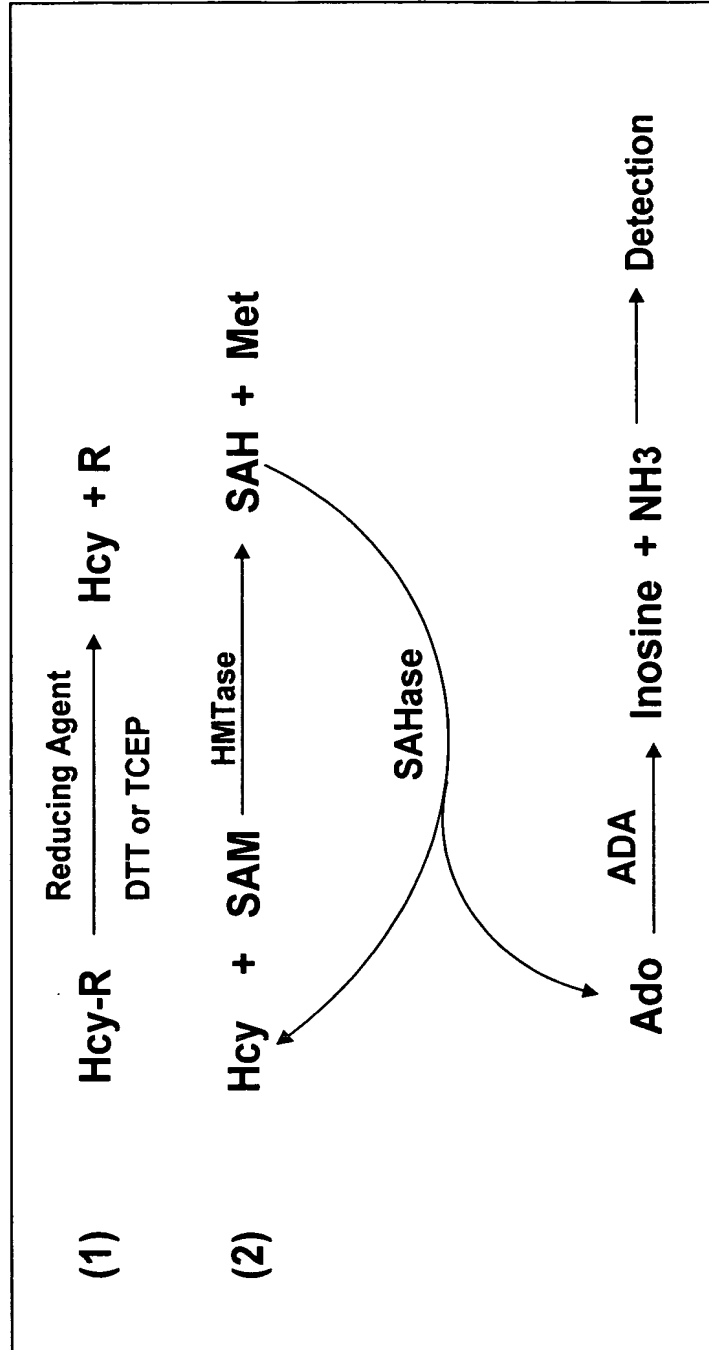




Figure 1. Co-Substrate Conversion Product Based Enzyme Cycling Assay of Homocysteine



Hcy-R : oxidized homocysteine, R: protein, Hcy, Cys or other thio compounds; Hcy: reduced homocysteine (substrate)

SAM: S-adenosyl-L-methionine (co-substrate); HMTase: Homocysteine-methionine methyltransferase

SAH: S-adenosyl-L-homocysteine (co-substrate conversion product);

SAHase: S-adenosyl-L-homocysteine hydrolase; ADA: Adenosine deaminase

Figure 2.

